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Applicant:

Leonardo E. Blanco, et al.

Serial No.: Filing Date:

10/693,822 October 23, 2003 Attorney Docket No.: 13768.783.185

Art Unit: 2628

Confirmation No.:

1433

For:

MULTIPLE-LEVEL GRAPHICS PROCESSING WITH ANIMATION

INTERVAL GENERATION

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Patent	Issued	NT	C1	Sub	Filing
Number	Date	<u>Name</u>	Class	Class	<u>Date</u>
7,161,599	01/09/07	Beda	345	418	06/27/02
6,919,891	07/19/05	Schneider	345	440	06/27/02
7,064,766	06/20/06	Beda	345	557	06/27/02
7,126,606	10/24/06	Beda	345	473	03/27/03
7,088,374	08/08/06	David	345	420	03/27/03
6,266,053	07/24/01	French	345	302	04/03/98
6,154,215	11/28/00	Hopcroft	345	418	08/01/97
5,852,449	12/22/98	Esslinger	345	473	01/27/92
6,215,495	04/10/01	Grantham	345	419	05/30/97
6,487,565	11/26/02	Schechter	707	500.100	12/29/98
6,751,655	04/18/00	Deutsch	709	203	04/18/00
6,714,201	03/30/04	Grinstein	345	474	04/14/00
5,553,222	09/03/96	Milne	395	154	12/19/95
6,731,314	05/04/04	Cheng	345	848	08/16/99
5,555,368	09/10/96	Orton	395	157	12/30/93
	Number 7,161,599 6,919,891 7,064,766 7,126,606 7,088,374 6,266,053 6,154,215 5,852,449 6,215,495 6,487,565 6,751,655 6,714,201 5,553,222 6,731,314	Number Date 7,161,599 01/09/07 6,919,891 07/19/05 7,064,766 06/20/06 7,126,606 10/24/06 7,088,374 08/08/06 6,266,053 07/24/01 6,154,215 11/28/00 5,852,449 12/22/98 6,215,495 04/10/01 6,487,565 11/26/02 6,751,655 04/18/00 6,714,201 03/30/04 5,553,222 09/03/96 6,731,314 05/04/04	Number Date Name 7,161,599 01/09/07 Beda 6,919,891 07/19/05 Schneider 7,064,766 06/20/06 Beda 7,126,606 10/24/06 Beda 7,088,374 08/08/06 David 6,266,053 07/24/01 French 6,154,215 11/28/00 Hopcroft 5,852,449 12/22/98 Esslinger 6,215,495 04/10/01 Grantham 6,487,565 11/26/02 Schechter 6,751,655 04/18/00 Deutsch 6,714,201 03/30/04 Grinstein 5,553,222 09/03/96 Milne 6,731,314 05/04/04 Cheng	Number Date Name Class 7,161,599 01/09/07 Beda 345 6,919,891 07/19/05 Schneider 345 7,064,766 06/20/06 Beda 345 7,126,606 10/24/06 Beda 345 7,088,374 08/08/06 David 345 6,266,053 07/24/01 French 345 6,154,215 11/28/00 Hopcroft 345 5,852,449 12/22/98 Esslinger 345 6,215,495 04/10/01 Grantham 345 6,487,565 11/26/02 Schechter 707 6,751,655 04/18/00 Deutsch 709 6,714,201 03/30/04 Grinstein 345 5,553,222 09/03/96 Milne 395 6,731,314 05/04/04 Cheng 345	Number Date Name Class Class 7,161,599 01/09/07 Beda 345 418 6,919,891 07/19/05 Schneider 345 440 7,064,766 06/20/06 Beda 345 557 7,126,606 10/24/06 Beda 345 473 7,088,374 08/08/06 David 345 420 6,266,053 07/24/01 French 345 302 6,154,215 11/28/00 Hopcroft 345 418 5,852,449 12/22/98 Esslinger 345 473 6,215,495 04/10/01 Grantham 345 419 6,487,565 11/26/02 Schechter 707 500.100 6,751,655 04/18/00 Deutsch 709 203 6,714,201 03/30/04 Grinstein 345 474 5,553,222 09/03/96 Milne 395 154 6,731,314 05/04/04 Cheng 345

Examiner:

/Daniel Hajnik/

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U.S. Patent Documents (continued)

Examin <u>Initial</u> *	er	Patent Number	Issued <u>Date</u>	Name	<u>Class</u>	Sub <u>Class</u>	Filing <u>Date</u>
DH	_A17.	5,920,325	07/06/99	Morgan	345	473	11/20/96
·	_A18.	5,500,933	03/19/96	Schnorf	395	154	12/20/94
DH	_A19.	5,261,041	11/09/93	Susman	395	152	12/28/90
DH	_A20.	5,986,675	11/16/99	Anderson	345	473	05/24/96
DH	_A21.	7,143,339	11/28/06	Weinberg	707	509	09/20/01
DH	A22.	7,069,503	06/27/06	Tanimoto	715	513	05/30/02
DH	_A23.	7,055,092	05/30/06	Yardumian	715	513	12/05/01
DH	_A24.	6,919,891	07/19/05	Schneider	345	440	06/27/02
DH	_A25.	6,014,139	01/11/00	Watson	345	339	04/01/99
DH	_A26.	7,076,332	07/11/06	Cifra	700	245	01/18/02
DH	_A27.	5,930,810	07/27/99	Farros	707	506	08/09/95
DH	_A28.	6,237,092	05/22/01	Fillmore	713	100	05/05/98
DH	_A29.	6,243,856	06/05/01	Meyer	717	001	02/03/98
DH	_A30.	6,275,857	08/14/01	McCartney	709	226	10/30/96
DH	_A31.	6,314,470	11/06/01	Ward	709	328	07/25/97
DH	A32.	6,717,599	04/06/04	Olano	345	853	06/29/00
DH	_A33.	6,741,242	05/25/04	Itoh	345	419	07/17/00

Examiner: /Daniel Hajnik/ Date Considered:

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U.S. Patent Documents (continued)

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DH	_A34.	6,195,694	02/27/01	Chen	709	220	11/19/97
DH	_A35.	6,243,856	06/05/01	Meyer	717	001	02/03/98
DH	_A36.	6,272,650	08/07/01	Meyer	714	038	02/03/98
DH	_A37.	6,732,109	05/04/04	Lindberg	707	101	01/31/01
DH	_A38.	6,377,263	04/23/02	Falacara	345	473	08/04/97
DH	A39.	6,986,101	01/10/06	Cooper .	707	513	05/06/99
DH	_A40.	7,103,873	09/05/06	Tanner	717	109	02/09/01
DH	A41.	6,411,297	06/25/02	Tampieri	345	426	03/03/99
DH	_A42.	6,765,571	07/20/04	Sowizral	345	420	01/11/01
DH	_A43.	6,092,107	07/18/00	Eleftheriadis	709	217	04/07/98
DH	A44.	6,675,230	01/06/04	Lewallen	709	328	08/22/00
DH	A45.	5,986,667	11/16/99	Jevans	345	433	12/22/94
DH	_A46.	5,487,172	01/23/96	Hyatt	395	800	09/20/91
DH	_A47.	6,259,451	07/10/01	Tesler	345	419	04/25/97
DH	A48.	6,538,656	03/25/03	Cheung	345	519	08/18/00
DH	A49.	7,012,606	03/14/06	Swedberg	345	420	10/23/03
DH	A50.	6,707,456	03/16/04	Marrin	345	473	08/03/00

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U.S. Patent Publication Documents

Examin Initial*	er	Publication Number	Pub. Date	Name	Class	Sub <u>Class</u>	Filing Date
DH	A51.	2002/0063704	05/30/02		345	522	01/11/01
DH	_	2004/0216139	10/28/04		709		
					109	320	08/21/02
DH	_ A53.	2004/0220956	11/04/04	Dillon	707	102	04/30/04
DH	_ A54.	2001/0000962	05/10/01	Rajan	375	240.010	12/12/00
DH	_A55.	2002/0032697	03/14/02	French	345	440	06/06/01
DH	_A56.	2002/0046394	04/18/02	Do	717	100	12/06/00
DH	_A57.	2003/0028901	02/06/03	Shae	370	487	06/14/01
DH	_A58.	2003/0120823	06/26/03	Kim	709	310	04/29/02
DH	_A59.	2004/0110490	06/10/04	Steele	455	412.100	09/19/2003
DH	_ A60.	2005/0060648	03/17/05	Fennelly	715	523	07/30/04
DH	_A61.	2004/0015740	01/22/04	Dautelle	710	005	07/11/03
DH	_A62.	2004/0039496	02/26/04	Dautelle	345	619	07/11/03
DH	_A63.	2004/0093604	05/13/04	Demsey	709	001	11/13/02
DH	_A64.	2003/0110297	06/12/03	Tabatabai	709	246	10/29/02
DH	_A65.	. 2005/0050471	03/03/05	Hallisey	345	853	08/26/03

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U.S. Patent Application Documents

Examine Initial*	er	Application Number	<u>Name</u>	Class	Sub <u>Class</u>	Filing <u>Date</u>
DH	_A66.	11/555,040	Beda	345	506	10/31/06
DH	_A67.	11/165,756	Schneider	345	440	06/23/05
DH	_A68.	11/455,166	Beda	345	506	06/16/06
DH	_A69.	11/454,719	Beda	345	506	06/16/06
DH	_A70.	10/693,822	Blanco	345	473	10/23/03
DH	_A71.	10/401,717	Beda	345	473	03/27/03
DH	A72.	10/693,673	Beda	345	619	10/23/03
DH	_A73.	10/693,633	Beda	345	619	10/23/03
DH	_A74.	10/693,630	Subramanian	345	619	10/23/03
DH	A75.	11/499,257	David	345	420	08/04/06

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Foreign Patent Documents

Examine	r	Reference	Pub.	Country or	International	Trans-	
<u>Initial*</u>		<u>Number</u>	<u>Date</u>	Patent Office	Classification	lation	
DH	A76.	WO99/00725A	01/07/99	WIPO	•		
DH	A77.	WO99/52080A	10/14/99	WIPO			
DH	A78.	PCT Int'l Search Ro	eport & Writt	en Opinion on App	o. No. PCT/US04/25	723	
DH	A79.	Partial European Se	arch Report i	n EP 02023604 do	cuments considered i	relevant.	
DH	A80.	Australian Search R	teport, Applic	cation No. SG 2003	302787-7 completed	01/12/05	
DW	A81. I	Hyun Suk Kim et al: 'International Journal of the second pages of the second se	"Scene Graph of Virtual Re 12-18, OP001 sko, J.T., Ani	ality, IPI Press, Co 1039706 ISSN: 108 mation Support in	lorado Springs, CO, 1 31-1451 *page 16, co a User Interface Tool	US, vol. lumn 2*. lkit:	
		Flexible, Robust, and Reusable Abstractions, ACM SIGGRAPH Symposium on User Interface Software and Technology, Atlanta, GA, 57-67, 1993.					
DH	1	X3D specification (or http://www.web3d.org	g/x3dspecific				

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Non-Patent Literature Documents (continued)

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DH	A84. Walczak, K. and W. Cellary. "Building Database Applications of Virtual Reality with X-VRML". Proc. 7 th . Int. Conf. on 3D Web Technology. 2002, SIGGRAPH. Pages 11-120. ISBN 1-58113-468-1.
DH	A85. Parr, T. And T. Rohaly. "A language for creating and manipulating VRML." Proc. 1 st Symposium on Virtual Reality Modeling Lang. 1995, pages 123-131.
DH	A86. Hesina, G.; Schmalistieg, D.; Furhmann, A.; Purgathofer, W. "Distributed Open Inventor: a practical approach to distributed 3D graphics." Proc. ACM Symp. On Virt. Reality Soft. And Tech. 1999, pages 74-81.
DH	A87. Strauss, P. and R. Carey. "An Object-Oriented 3D Graphics Toolkit" SIGGRAPH (Proc. 19 th Ann. Conf. on Comp. Graph. And Int. Tech.) 1992, pages 341-349.
DH	A88. RIKK CARY, GAVIN BELL, CHRIS MARRIN: "International Standard iso/iec 14772-1: 1997 Virtual Reality Modeling Language (vrml97)" VRML 97, 1997 pages 1-236 XP002133320 page 7, paragraph 3.18: pages 89-99 section 6.20; page 149, paragraph B.2.
DH	A89. SVG specification version 1.1, January 14, 2003 all sections. http://www.w3.org/TR/SVG .

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Non-Patent Literature Documents (continued)

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DH A90. Java 3D API Specification: Scene Graph Basics. Sun Microsystems, Inc. 1999.

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_____A91. SVG Tools, Adobe Illustrator, July 6, 2001 –

http://web.archive.org/web/20010706131221/http://www.adobe.com/svg/tools/oth
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A92. Scalable Vector Graphics, Adobe SVG Viewer download area, November 2001 – http://www.adobe.com/svg/viewer/install/main.html.

A93. W3C Scalable Vector Graphics (SVG)-Historyhttp://www.w3.org/Graphics/SVG/History

DH A94. W3C consortium,/ "XML Base", W3c recommendation 27 June 2001.

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References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

AHY0000002760V001

Examiner:

/Daniel Hajnik/

Date Considered:

05/14/2007

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